

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rusi P. Taleyarkhan, et al

SERIAL NO.: (S-96,722)

FILED :

FOR : METHODS AND APPARATUS TO INDUCE D-D AND D-T  
REACTIONS

CUSTOMER NO: 31974



**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56 AND 1.97**

The Commissioner of Patents  
Washington, D. C. 20231

Sir:

Submitted herewith on Form 'PTO/SB/08A is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 C.F.R. Section 1.56. A copy of each document is being submitted herewith to comply with the provisions of 37 C.F.R. Sections 1.97 and 1.98.

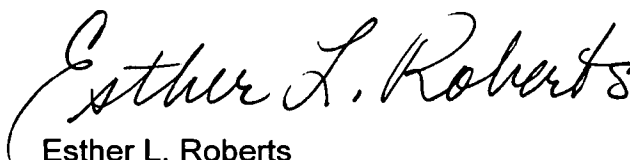
The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such a document constitutes prior art against the claims of the present application. Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.P./

The submission of the accompanying documents is not intended as an admission that any or all of the documents in fact constitutes prior art with the respect to the present invention. Applicants reserve the right to take appropriate action in the event it is determined that any of the documents is not prior art.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of form PTO/SB/08A be returned in accordance with MPEP Section 609.

Respectfully submitted,

A handwritten signature in black ink, reading "Esther L. Roberts". The signature is written in a cursive, flowing style with a large initial 'E'.

Esther L. Roberts  
Attorney for Applicants  
Registration No. 31,974

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Rusi P. Taleyarkhan
Art Unit	
Examiner Name	
Attorney Docket Number	DOE S-96.722

Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Ricardo Palabrica/ (07/22/2008)	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	
		First Named Inventor	Rusi P. Taleyarkhan
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	DOE S-96,722

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ROBERT APFEL, "And there was light!" Nature, Vol 398, 1 April 1999, www.nature.com, pages 378-379, 1999 Macmillan Magazines Ltd	
		Table 1. Comparison of Novelities of Present Application with Prior Art (Document D1)	

Examiner Signature		Date Considered	
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